

WHAT IS CLAIMED IS:

1. An on-screen display apparatus which holds a voltage value at a time when an input chroma signal is a null signal and outputs the voltage value during an on-screen display period.

2. An on-screen display apparatus which holds a voltage value at a time when an input chroma signal is a null signal and outputs a chroma signal generated on the basis of the voltage value during an on-screen display period.

3. An on-screen display apparatus comprising:
a voltage holding means for holding a voltage value at a time when an input chroma signal is a null signal; and
an output switch for outputting the voltage value held by the voltage holding means during an on-screen display period and outputting the input chroma signal other than the on-screen display period.

4. An on-screen display apparatus comprising:
a voltage holding means for holding a voltage value at a time when an input chroma signal is a null signal;
an AC component generation means for generating AC components of the chroma signal;
an adder for adding the voltage value held by the voltage holding means and the AC components of the chroma signal which

are generated by the AC component generation means; and
an output switch for outputting the signal added by the adder
during an on-screen display period and outputting the input chroma
signal other than the on-screen display period.

5. The on-screen display apparatus of Claim 3 wherein
the voltage holding means has a capacitor for holding a
voltage value.
6. The on-screen display apparatus of Claim 5 wherein
the voltage holding means further has a resistor placed on
a chroma signal input side of the capacitor.
7. The on-screen display apparatus of Claim 6 wherein
the voltage holding means is placed on a chroma signal input
side of the resistor, and further has a hold timing switch that
is brought into conduction when the input chroma signal is a null
signal.
8. The on-screen display apparatus of Claim 6 wherein
the voltage holding means is placed between the capacitor
and the resistor, and further has a hold timing switch that is
brought into conduction when the input chroma signal is a null
signal.

9. The on-screen display apparatus of Claim 3 wherein
the voltage holding means comprises:
an AD converter for converting an input chroma signal into
a digital signal when the input chroma signal is a null signal;
a storage means for storing a voltage value at the time when
the input chroma signal is a null signal, which has been converted
into a digital signal by the AD converter; and
a DA converter for converting the voltage value stored in
the storage means into an analog signal.
10. The on-screen display apparatus of Claim 3 wherein
the voltage holding means holds the voltage value during
a horizontal sync period in which the input chroma signal is a
null signal.
11. The on-screen display apparatus of Claim 3 wherein
the voltage holding means holds the voltage value during
a vertical sync period in which the input chroma signal is a null
signal.